

### ABSTRACT OF THE DISCLOSURE

A system for multi-lingual speech recognition. The inventive system includes a speech modeling engine, a speech search engine, and a decision  
5 reaction engine. The speech modeling engine receives and transfers a mixed multi-lingual speech signal into speech features. The speech search engine locates and compares candidate data sets. The decision reaction engine selects resulting speech models from the  
10 candidate speech models and generates a speech command.